

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

Docket No. B-6121PCT 623711-8

International Application No.:
PCT/JP2005/003810

Applicant(s) for DO/EO/US:

(1) Kaneo CHIBA

International Filing Date:
28 February 2005

(2) Masayoshi TAKAHASHI

Title of Invention:

"METHOD OF FORMING NANOBUBBLES"

Priority Date Claimed:

U.S. Application No.
(if known, see 37 CFR 1.5)
NOT YET ASSIGNED

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The U.S. Has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with copy of PCT search report.
12. ☒ An assignment document for recording. A separate cover sheet with check for \$40.00 in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT rule 13ter.2 and 37CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Copy of PCT Application as filed and published (27 sheets)
Copy of International Search Report (2 pages)

The following fees are submitted:

21. ☒ Basic national fee.....\$ 300.00 = \$ 300.0022. ☒ Examination fee

If International preliminary examination report prepared by USPTO

and all claims satisfy provisions of PCT Article 33(1)-(4) \$ 100.00

All other situations..... \$ 200.00 = \$ 200.0023. ☒ Search fee

Search fee (37 CFR 1.445(a)(2)) has been paid on the international

application to the USPTO as an International Searching Authority.... \$ 100.00

International Search Report prepared and provided to the Office..... \$ 400.00

All other situations..... \$ 500.00 = \$ 400.00**TOTAL OF 21, 22 and 23 = \$ 900.00**

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	# of each additional 50	RATE
<u>28</u> - 100 =	_____ / 50 =	_____	x \$250.00 \$ _____

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ _____

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	<u>9</u> - 20 =	<u>0</u>	x \$50.00 \$ <u>0</u>
Independent claims	<u>1</u> - 3 =	<u>0</u>	x \$200.00 \$ <u>0</u>

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ _____
☐ Amendment deleting multiple dependencies enclosed

TOTAL OF ABOVE CALCULATIONS = \$ 900.00

☐ Applicant claims small entity status. See 37 CFR 1.27.

The fees indicated above are reduced by 1/2. (50% of above) \$ _____
SUBTOTAL = \$ _____

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ _____

TOTAL NATIONAL FEE = \$ 900.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)).

The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ _____

TOTAL FEES ENCLOSED = \$ 900.00

Amount to be refunded: \$ _____

charged: \$ _____

☒ A check in the amount of \$ 900.00 to cover the above fees is enclosed.

☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

☒ The commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0415. A duplicate copy of this sheet is enclosed.

☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:


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5670 Wilshire Boulevard, Suite 2100

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Robert Popa
Reg. No. 43,010

IAP12 Rec'd PCT/PTO 05 SEP 2006

IN THE UNITED STATES DESIGNATED OFFICE DO/EO/US
REGARDING THE INTERNATIONAL APPLICATION OF:
(1) Kaneo CHIBA and (2) Masayoshi TAKAHASHI

ENTITLED: "METHOD OF FORMING NANOBUBBLES"

INTERNATIONAL APPLN. NO. PCT/JP2005/003810
Our Ref: B-6121PCT 623711-8

MAIL STOP PCT
Attn: United States Designated/Elected Office (DO/EO/US)
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV889700224US

Date of Deposit: September 5, 2006


I hereby certify that the following attached papers or fee

- postcard
- check no. 21870 for \$900.00
- Transmittal Letter (2 pages)
- copy of English-language translation of PCT International Application as filed consisting of:
 - Specification (18 pages)
 - Claims (3 pages)
 - Abstract (1 page)
 - 6 sheets of Drawings (Figs. 1-8)
- copy of PCT Application as filed and published (27 sheets)
- International Search Report (2 pages)
- Declaration/Power of Attorney (5 pages)
- Claim to Priority (1 page)
- Assignment document (5 pages) with Cover Sheet (2 page), and
Check no. 21871 for \$40.00

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above in an envelope addressed to "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450"

Veronica Yoon

(Typed or printed name of person mailing paper or fee)



A handwritten signature in black ink, appearing to read 'Veronica Yoon', is written over a horizontal line.